Machine Name : CNC vertical grinding machine

Brand : TAIYO KOKI

Machine Model : IGV-3N

Stock No. : 490625

Ex-factory Date : 2005



Main Technical Parameters:

CNC System :FANUC 21i-TB
Grinding through hole :25 ~ 250mm
Grinding length :150mm
Grinding external diameter :320mm
Spindle swing diameter:380mm
Workpiece height :300mm (from spindle upper surface)
Worktable load:200kg (including fixture)
Internal grinding wheel shaft speed:18000rpm
Grinding wheel diameter:20□150mm
Maximum circumferential speed :2700m/min
Spindle speed :25 ~ 750min
X axis travel:500mm
Worktable speed :0 ~ 24000mm/min
Pulse remote control box rotation increment: 0.01/0.1/5.0mm
Pulse remote control box increment per scale: 0.0001/0.001/0.05mm
Minimum setting unit: 0.0001 (0.0002) mm
Z-axis travel: 325mm
Worktable speed: 0 ~ 24000mm/min
Pulse remote control box rotation increment: 0.01/0.1/5.0mm
Pulse remote control box increment per scale: 0.0001/0.001/0.05mm
Minimum setting unit :0.0001
Water tank capacity (grinding liquid):280L
Spindle coolant tank:32L

Worktable height from ground to spindle nose :900mm
Dimensions:1400*3000*2650mm
Machine weight :4500Kg
Accessories:
With Marposs external diameter measuring device,
Sensor control unit
Pneumatic door device
Spindle oil chiller
Rotary dresser
(Water chiller, water mist separator, oil mist separator)









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